

**WHAT IS CLAIMED IS:**

1. A second plate-like member arranged between a first plate-like member in which a probe for test is formed on one main surface and a third plate-like member in which an electrode for connecting an electric signal from said probe to an outer portion is formed,

wherein a plurality of first electrodes are formed at a position opposing to a first secondary electrode of said second plate-like member, and

wherein a plurality of second secondary electrodes electrically connected to said first electrodes are formed on an opposing surface to the surface on which said first electrodes of said second plate-like member are formed.

2. A second plate-like member as claimed in claim 1, wherein a thickness of an outer edge portion of said second plate-like member is smaller than a thickness of a center portion of said second plate-like member.

3. A second plate-like member as claimed in claim 1, wherein an arranged pitch of said second secondary electrodes is wider than an arranged pitch of said first electrodes.

4. A second plate-like member as claimed in claim 1, wherein a number of said second secondary electrodes is smaller than a number of said first electrodes.